

**To:** Hopkins, Bonnie[bhopkins@ad.nmsu.edu]  
**Cc:** ryan.flynn@state.nm.us[ryan.flynn@state.nm.us]; mestasm@sjces.net[mestasm@sjces.net]; Witte, Jeff M.[JWitte@nmda.nmsu.edu]; Dean, Tom[tdean@ad.nmsu.edu]; Rinehart, Jon[rinehart.jon@epa.gov]; Rauscher, Jon[Rauscher.Jon@epa.gov]; Turner, Philip[Turner.Philip@epa.gov]; Foster, Althea[Foster.Althea@epa.gov]  
**From:** Hayes, Mark  
**Sent:** Mon 8/10/2015 7:56:09 PM  
**Subject:** RE: SJC needs

Bonnie,

I apologize for the late response. We are currently coordinating efforts to assist with water supply for irrigation and other potential needs. We have a contractor in route and expect for them to have water haulers in place and available tomorrow. Jon Rinehart, R6 OSCC, will coordinate needs with you.

We are coordinating with Fish and Wildlife Services to address affected and/or impacted wildlife. The USFWS has requested EPA contract with a wildlife rehabilitator to assist with cleaning any animals. USFWS will provide capture and oversight of the operations for the state.

Jon Rauscher is Toxicologist in region 6 and can assist with providing information on potential long term effects from heavy metal within the soil or sediments. I've cc'd Jon on this email.

Thanks

**From:** Hopkins, Bonnie [mailto:bhopkins@ad.nmsu.edu]  
**Sent:** Sunday, August 09, 2015 4:44 PM  
**To:** Hayes, Mark  
**Cc:** ryan.flynn@state.nm.us; mestasm@sjces.net; Witte, Jeff M.; Dean, Tom  
**Subject:** SJC needs

Hi Mark,

Here is a list of information and needs that we are anticipating in the San Juan County, NM region.

I) With around 2 million acres of farm land without irrigation water, our ag community stands to suffer extreme losses in regards to crops. Is there a way for EPA to assist us in the delivery of water to these irrigation farm areas? I believe that at the moment we have the Ranch and livestock needs met. We have the Fire Department and local oil and gas companies on standby to deliver water as needed, at roughly 10,000 gallons per day. However, if this process extends into weeks, we have the potential to require upwards of 500,000 gallons of water per day (based on individual cattle requiring 20 gallons per day in high temperatures, with over 20,000 head. This does not include the other 30,000 head of livestock in the county which will require anywhere from 10-20gallons of water per day) Currently, our demands to deliver water are relatively low, but the process has just started.

II) We are getting reports here in SJC of wildlife that are covered in the contaminants. Is there assistance to help clean these animals up? What is the process for getting that started?

III) Do you have specialists with EPA that can speak to the long term impacts of heavy metal and arsenic build-up within the soil? Also, forage uptake of said contaminants? Our farmers are getting eager to irrigate and I feel that it is important that they fully understand the impacts of potential use and the long term effects of introducing them to our soils and forage crops. Also, do you have any information regarding the consumption of these contaminants on livestock? Are there acceptable standards that are set?

Thank you,

Bonnie Hopkins

***Bonnie Hopkins***

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